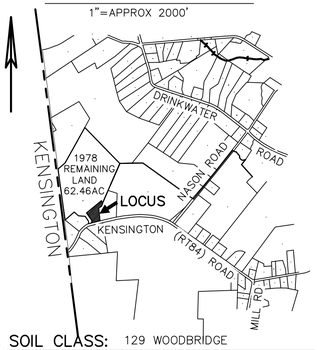
LOCUS MAP

1"=APPROX 2000'



SOIL CLASS: 129 WOODBRIDGE

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1	SET PK POLE EL 50.00
#2	SET NAIL 36" PINE EL 54.63
#3	SET HUB EL 53.22

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 49.5
2. THERE IS/ARE APPROX 0.5 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EDS. (EL50 OG)

SUITABLE REPLACEMENT AREA:

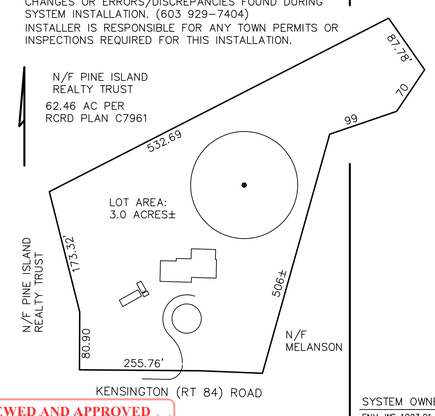
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

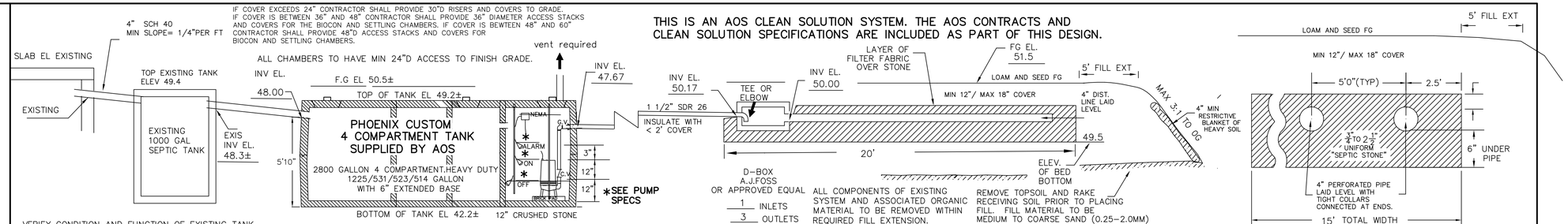
LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLAN C7961
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: ~~XXXXXXXXXXXXXXXX~~ eSA2016081001 (08-10-16)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404) INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.





CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'

EXISTING SYSTEM FAILURE EVIDENCED BY INSPECTION REPORT.
LEACHING AREA SURCHARGED.

THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

PUMP SPECIFICATIONS

MYERS ME3 1/3HP EFFLUENT PUMP OR EQUIVALENT
WITH NEMA CONTROL PANEL, HIGH WATER ALARM
FLOATS TO BE SET APPROXIMATELY AS SHOWN TO GENERATE APPROX 110 GAL CYCLE FOR 5.5± CYCLES PER DAY BASED ON 600 GPD DESIGN LOADING FOR EXISTING USE.
PUMP WILL DELIVER APPROX 30 GPM AT 10' ESTIMATED TDH FOR 3.6 ± MINUTES PUMP RUNNING TIME.

ELECTRICAL CONTROLS MUST BE APPROVED BY PUMP MANUFACTURER.

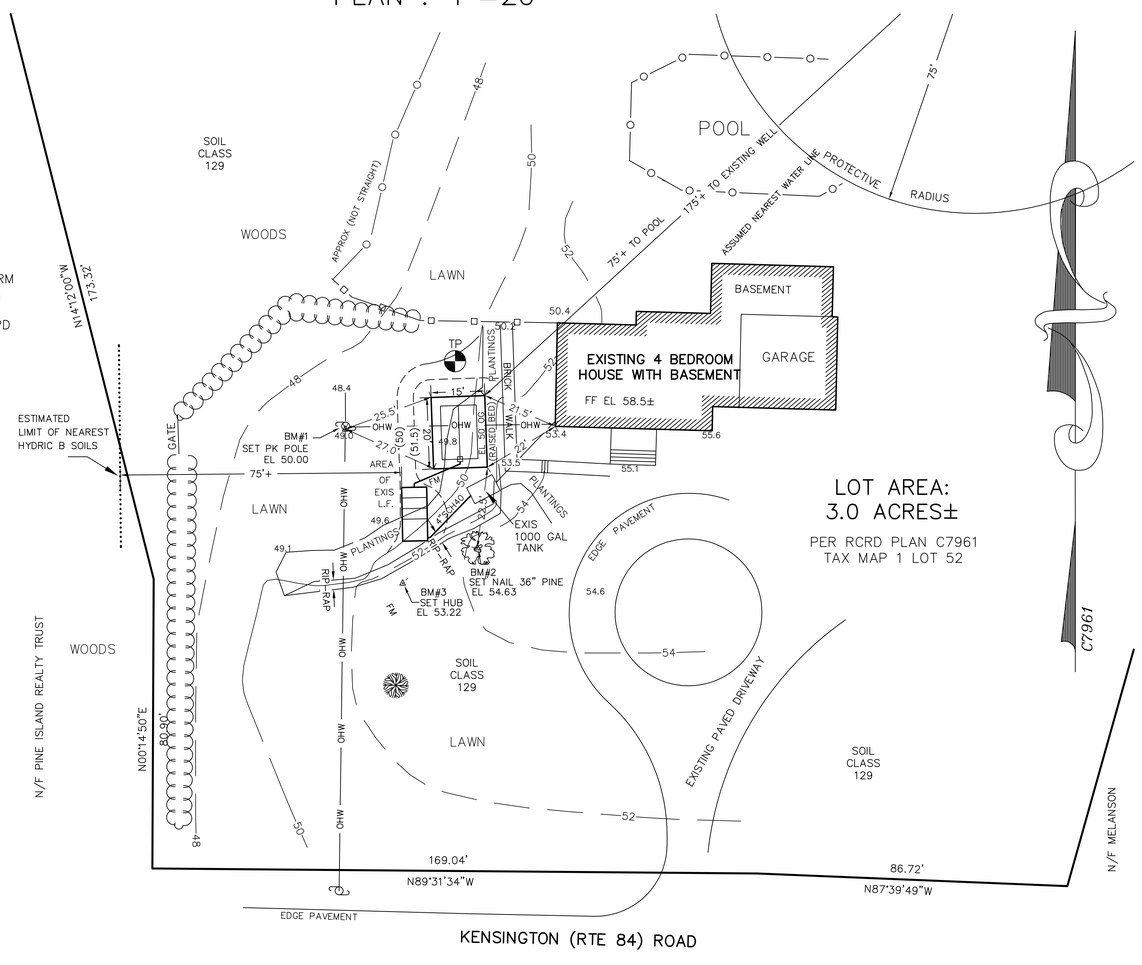
Contractor shall provide the effluent pump and all controls to meet site conditions.

62.46 ACRES±

REMAINING LAND IN 1978 SUBDIVISION APPROVED BY TOWN AND RECORDED AS RCRD PLAN C7961

TAX MAP 1 LOT 52–1

SEE LOCUS MAP



TEST PIT DATA

DATE: JULY 20, 2016

TOWN INSPECTOR: MIKE CUOMO

TEST PIT #1 EL 49.8

0 –4"	10YR3/3 FINE SANDY LOAM FILL, FRIABLE GRANULAR
4–19"	2.5Y6/4 FINE SANDY LOAM FILL, FRIABLE BLOCKY
19–26"	10YR3/2 FINE SANDY LOAM, FRIABLE GRANULAR ORIGINAL TOPSOIL
26–30"	10YR5/4 FINE SANDY LOAM, FRIABLE BLOCKY
30–50"	2.5Y5/6 STONY FINE SANDY LOAM, FIRM BLOCKY WITH REDOX

ESHWT @ 30", NO OBSERVED WATER, NO REFUSAL

PERC TEST DATA

DESIGN PERC RATE: N/A CLEAN SOLUTION SYSTEM

DESIGN LOADING: EXISTING 4 BEDROOM HOUSE

DISPERSAL AREA REQUIRED: 100 SF PER CLEAN SOLUTION GUIDELINES X 1.25 (HAMPTON FALLS) = 125 SF REQUIRED

LEACH FIELD AREA PROPOSED: 15' X 20' = 300 SF PROPOSED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 219 KENSINGTON ROAD
HAMPTON FALLS, NH
TAX MAP 1 LOT 52

OWNER: RICHARD & ANNE FOLEY
219 KENSINGTON ROAD
HAMPTON FALLS, NH 03844

APPROVED for Town of Hampton Falls 15 Aug 16
Notice: Hampton Falls requires a basal area inspection. Call CEO 48 hours in advance at 926-4618 to schedule.
Michael Cuomo

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842
603 929–7404

DATE: AUGUST 8, 2016

APPROVAL: _____

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS IN ADDITION TO THOSE OUTLINED IN AOS SALES AND MAINTENANCE CONTRACTS.

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Eric Thomas
Date: 8/16/2016
#eCA2016081611